

- ❑ The HIV/STD/TB/Hepatitis Program in the Division of Disease Control is starting a series of Lunch and Learn Webinars for health-care professionals.
- ❑ Each month a new topic will be held from 12:00 p.m. to 1:00 p.m. CST on the fourth Wednesday of the month.
- ❑ Nursing education credits will be available for these presentations. Registration and schedule of topics are available at: www.ndhealth.gov/disease/Hepatitis/EducationTraining.htm.
- ❑ The schedule of topics will be updated as they become available. The presentations will also be archived and available on the above website.

2013 HIV Surveillance and Testing Data in North Dakota

Dee Pritschet, HIV Surveillance Coordinator



This presentation will highlight current national and statewide trends being seen in HIV testing and morbidity.

Objectives

Participants will be able to identify

- 1) target populations in North Dakota where HIV incidence is increasing
- 2) areas within the state where HIV testing presents challenges
- 3) successes of outreach within communities
- 4) populations at risk for HIV in North Dakota

Abbreviations

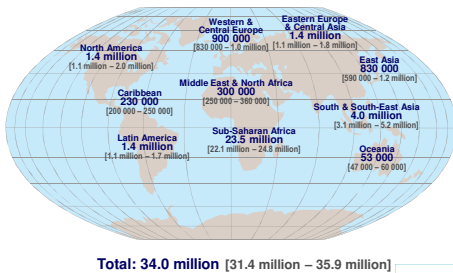
- HIV – Human Immunodeficiency Virus
- AIDS – Acquired Immune Deficiency Syndrome
- CDC – Centers for Disease Control and Prevention
- CTR – Counseling, Testing, and Referral Program
- MSM – Men who have Sex with Men
- IDU – Intravenous Drug User
- NIR – No Identified Risk
- AI – American Indian
- NH/PI – Native Hawaiian/Pacific Islander

HIV/AIDS
Global

HIV: Global 2011

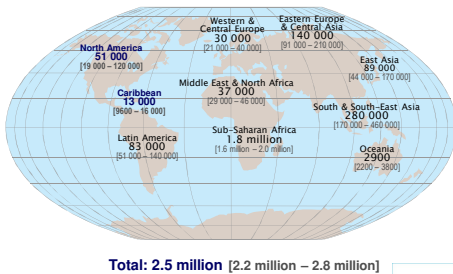
- Globally, 34.0 million people are living with HIV
Including 3.3 million children less than 15 years of age
- 2.5 millions new infections (including 330,000 children);
22% less than in 2001
- Each day almost 7,000 people newly infected
- Each day 3,950 more people on antiretroviral therapy

Adults and children estimated to be living with HIV | 2011



UNAIDS E.E.

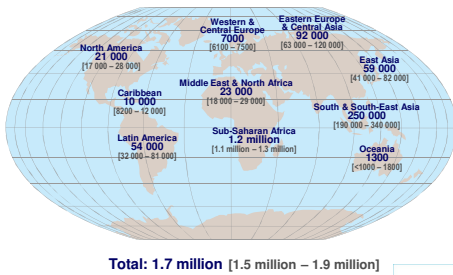
Estimated number of adults and children newly infected with HIV 2011



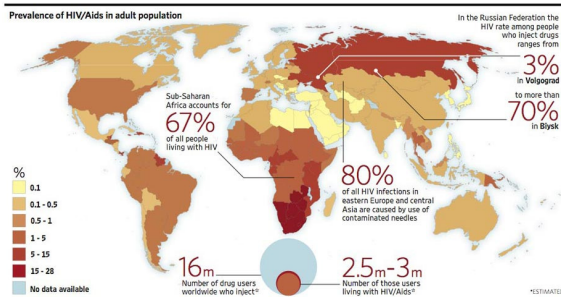
UNAIDS E.E.

Nearly 30 million people with AIDS have died worldwide since the epidemic began.

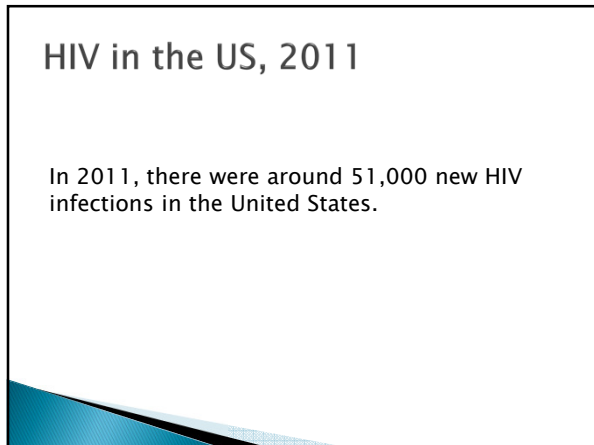
Estimated adult and child deaths from AIDS | 2011

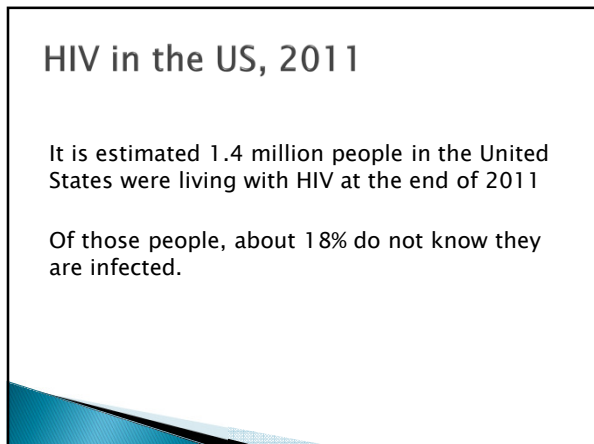


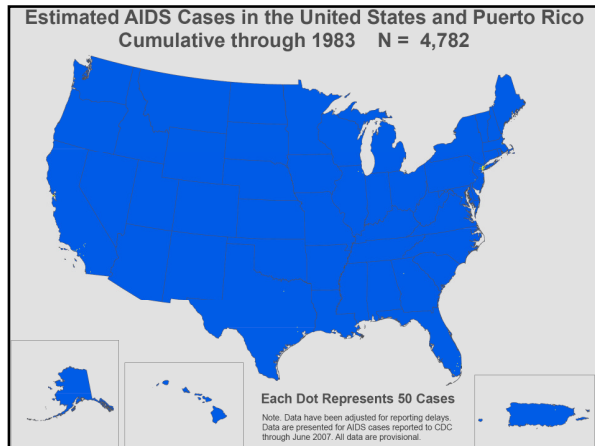
THE WORLDWIDE SCOURGE OF HIV/AIDS

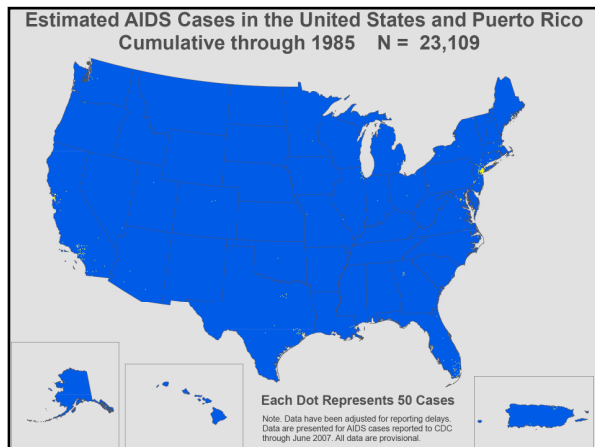


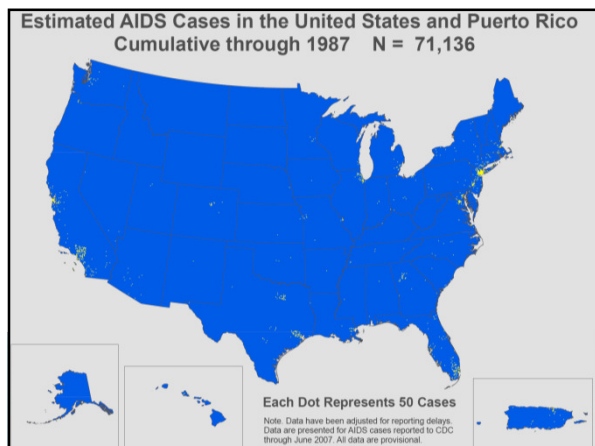


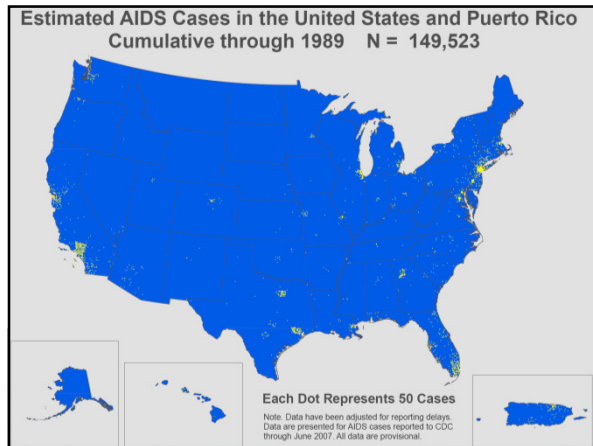


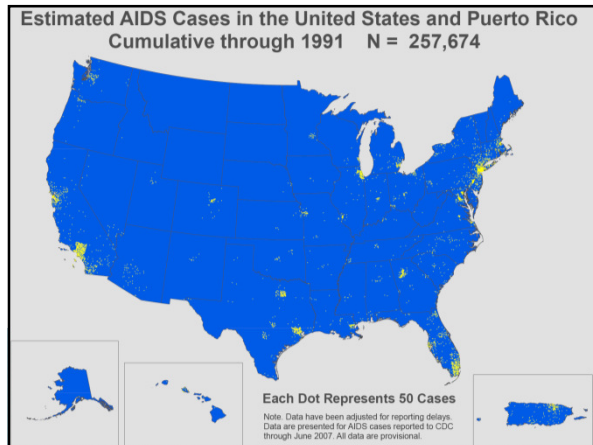


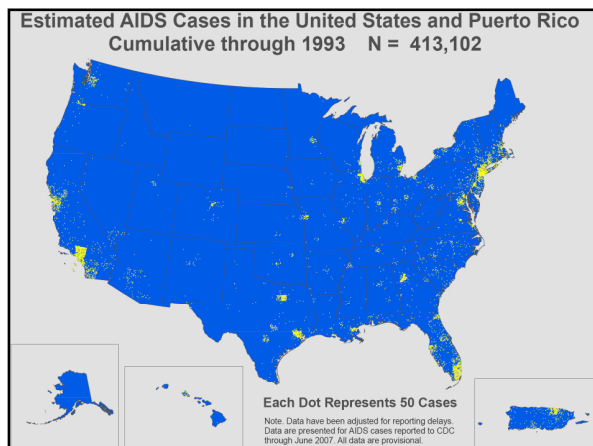


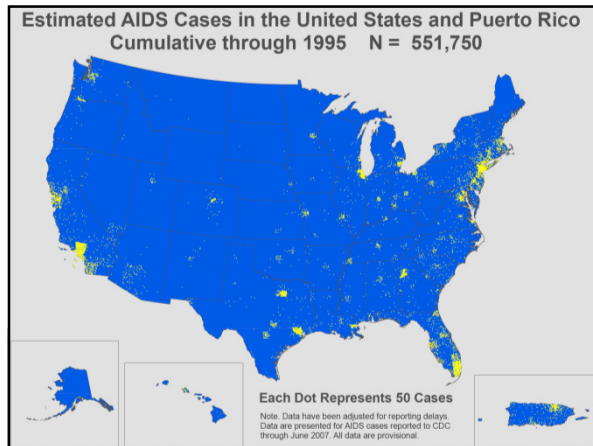


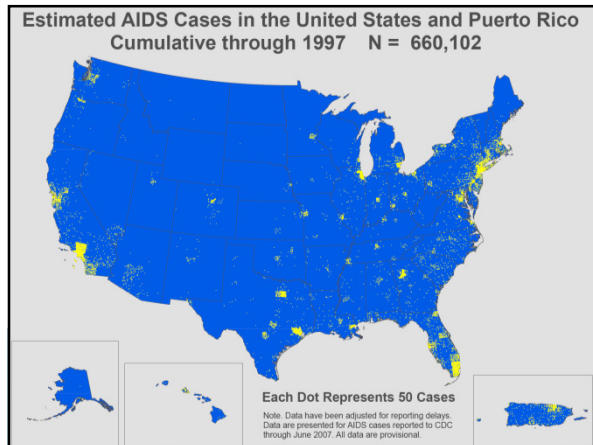


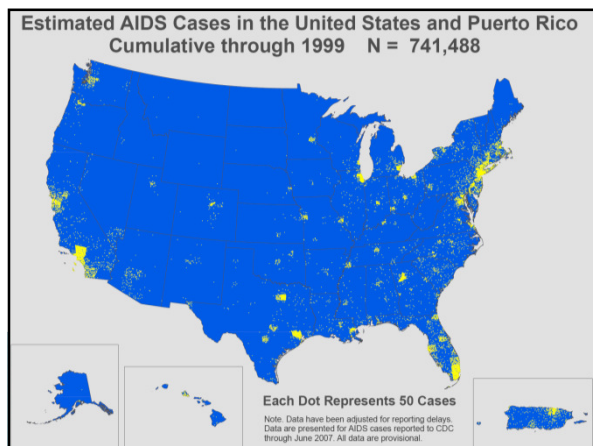


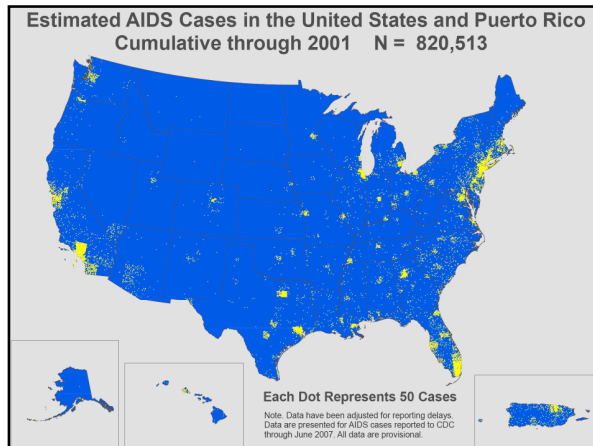


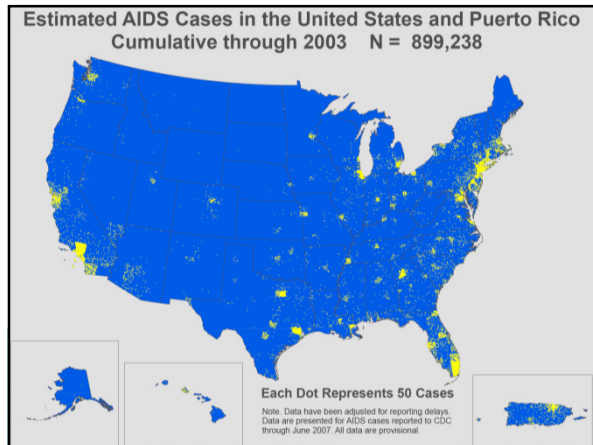


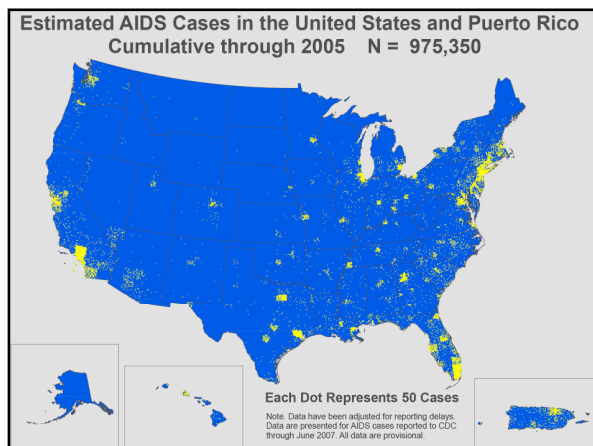












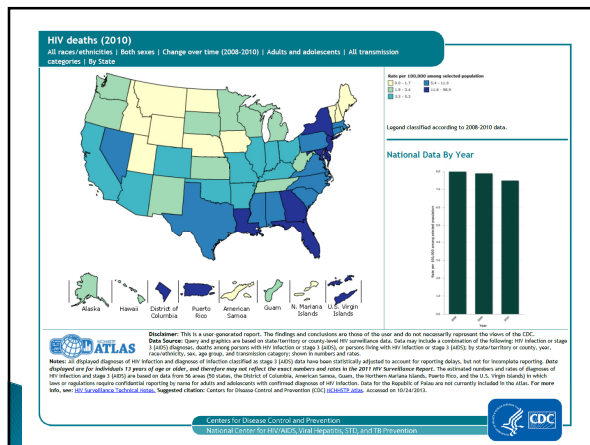


In the United States

Persons dying of HIV infection increasingly consist of:

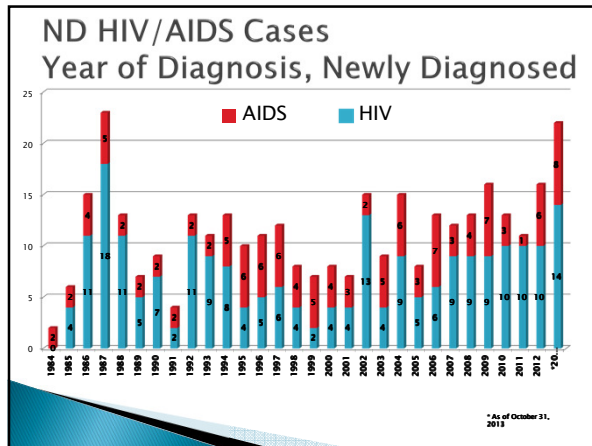
- ☐ women (28% in 2009)
- ☐ blacks/African Americans (56% in 2009)
- ☐ residents of the South (54% in 2009)
- ☐ persons 45 years of age or older (63% in 2009)

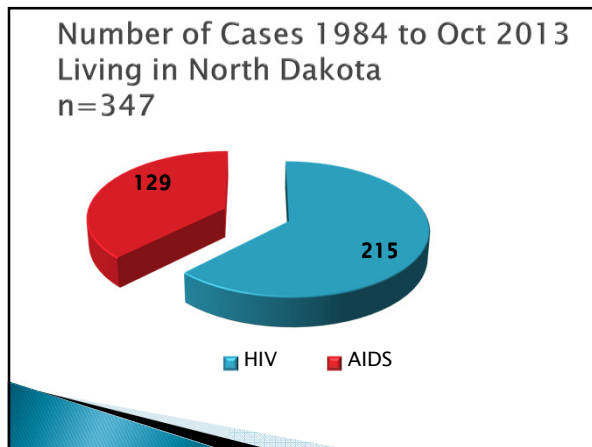
HIV infection remains as one the leading causes of death among persons 25 to 44 years old, particularly among Blacks/African Americans.

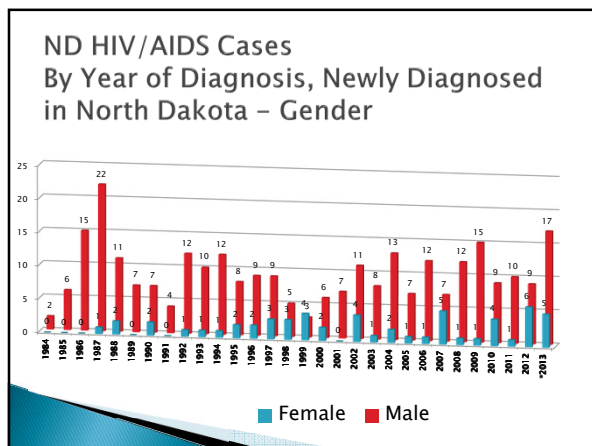


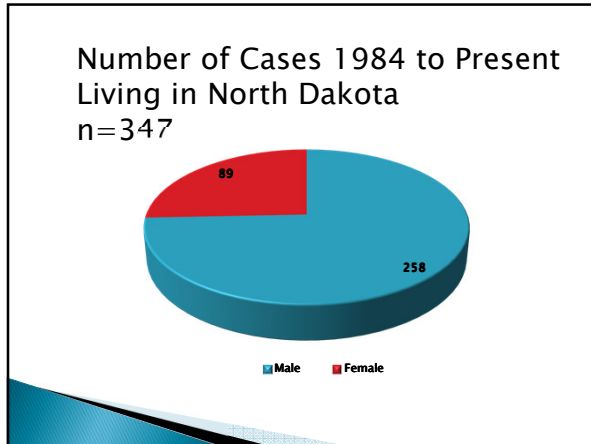
HIV/AIDS

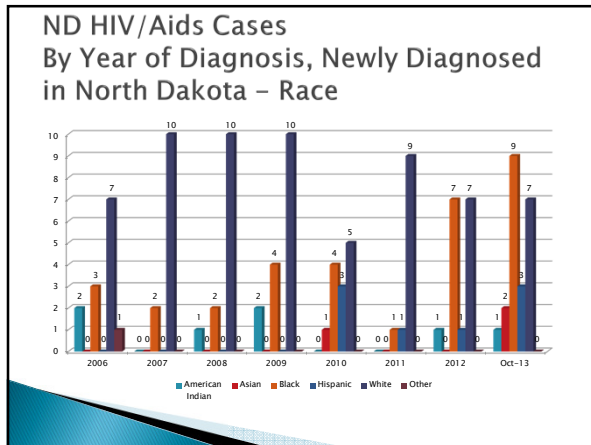
In North Dakota

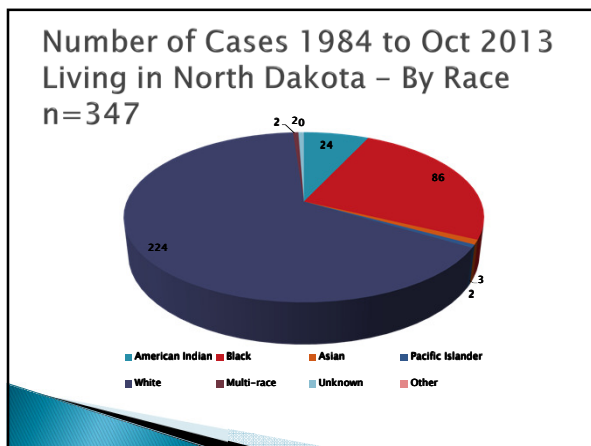




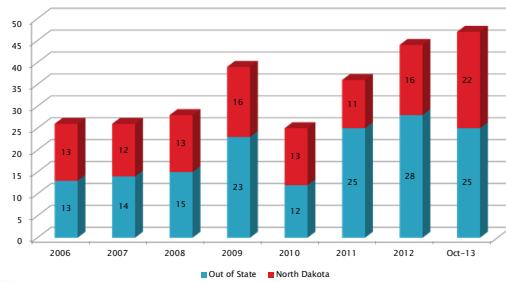




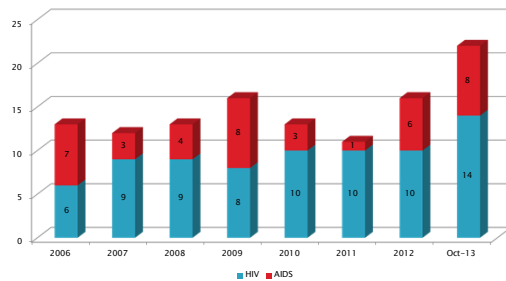




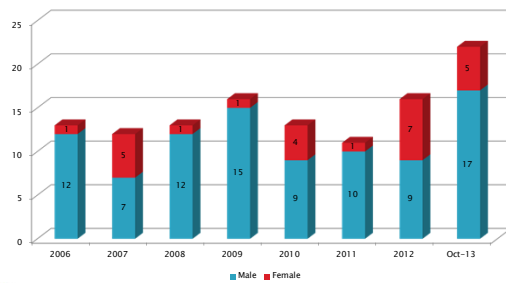
Total HIV/AIDS in North Dakota Newly Diagnosed and Moved to ND



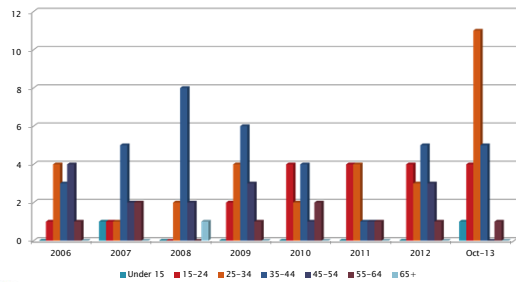
HIV/AIDS, Newly Diagnosed in North Dakota



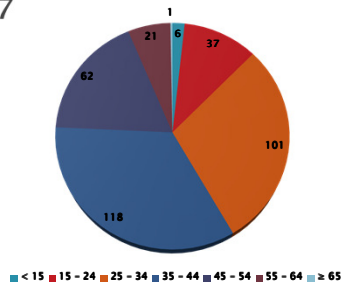
HIV/AIDS, Newly Diagnosed in North Dakota – Gender



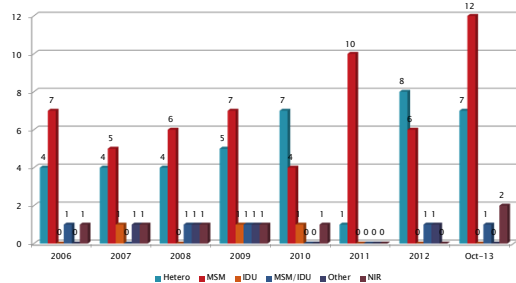
HIV/AIDS, Newly Diagnosed in North Dakota – Age of Diagnosis



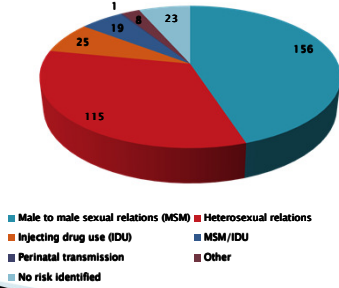
Number of Cases 1984 to Oct 2013 Living in North Dakota – By Age n=347



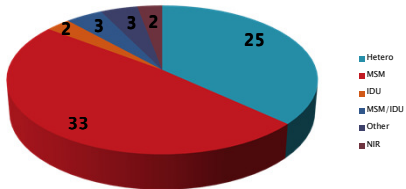
HIV/AIDS, Newly Diagnosed in North Dakota – Risk Factors



Number of Cases 1984 to Oct 2013
Living in North Dakota – By Risk Factor
n=347



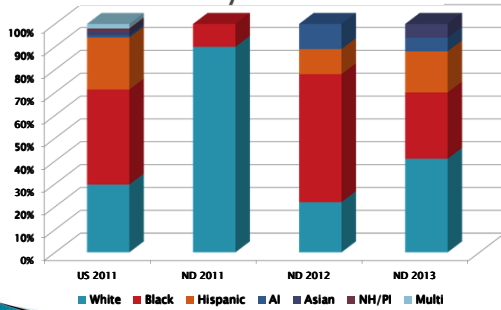
Risk Factors in New Diagnosis
ND 2008–2012 n=68



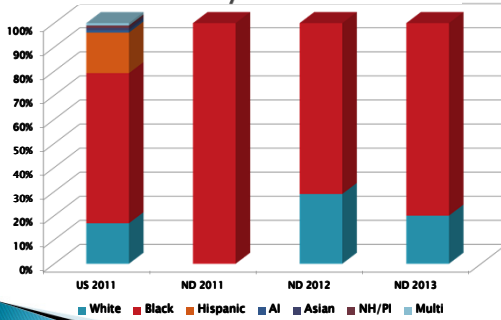
How does North Dakota
Compare to the United
States?



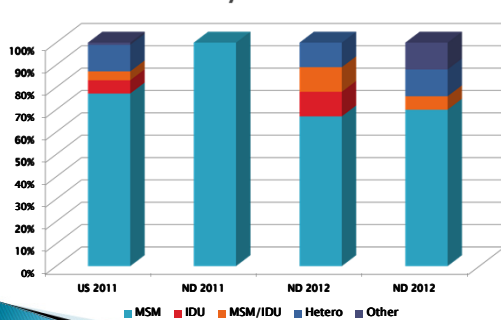
HIV/AIDS, Newly Diagnosed in North Dakota by Race – Male



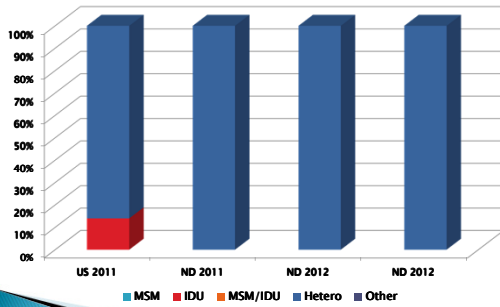
HIV/AIDS, Newly Diagnosed in North Dakota by Race – Female



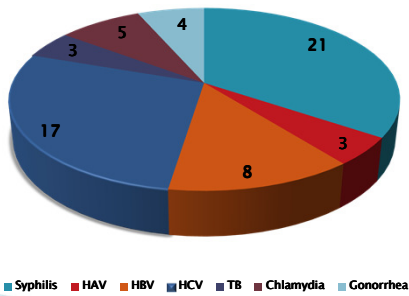
HIV/AIDS, Newly Diagnosed in North Dakota by Risk Factor – Male



Risk HIV/AIDS, Newly Diagnosed in North Dakota by Risk Factor – Female



HIV and Co-Infection 2008 to October 2013 n=61



HIV TESTING

In North Dakota

Percentage of North Dakotans Aged 18–64 Who Reported Ever Receiving an HIV Test

23.8%

Source: The Henry J. Kaiser Family Foundation

CTR Site Testing

- In 2012, 3906 tests were performed
 - 1 positive test reported
- From January through June 2013, 2378 tests were performed
 - 3 positive tests reported

HIV Tests – NDPHL

- 2011 – 20805 Tested
 - 20 Positive HIV-1
- 2012 – 21139 tested
 - 26 Positive HIV-1
 - 1 Positive HIV-2
- 2013 to date – 19252 tested
 - 22 pos HIV-1

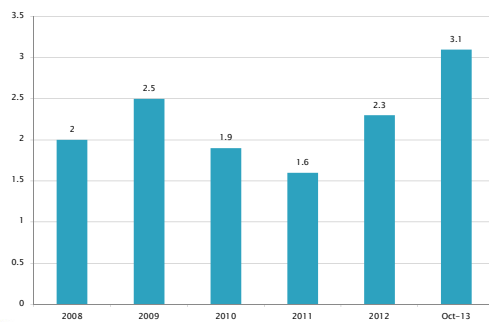
Who to Test

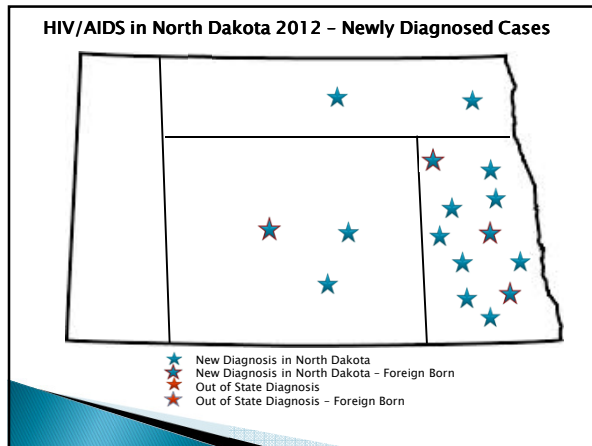
- Which risk factors needed to test
 - MSM
 - Black/African American
 - American Indians
 - IDU

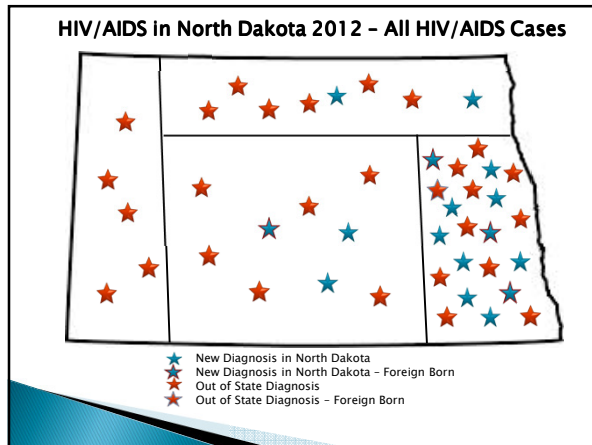
Incidence Rate in North Dakota

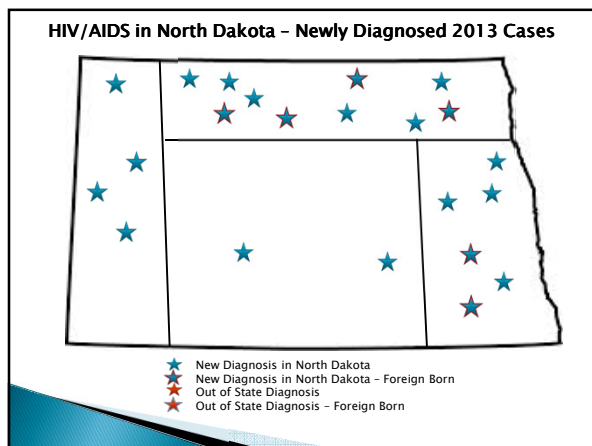
In 2011 the HIV/AIDS rate was 1.6/100,000
In 2012 the HIV/Aids rate was 2.3/100,000

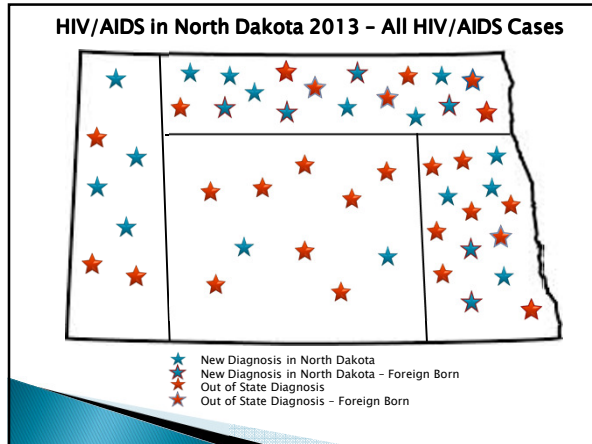
Incidence – New ND Diagnosis

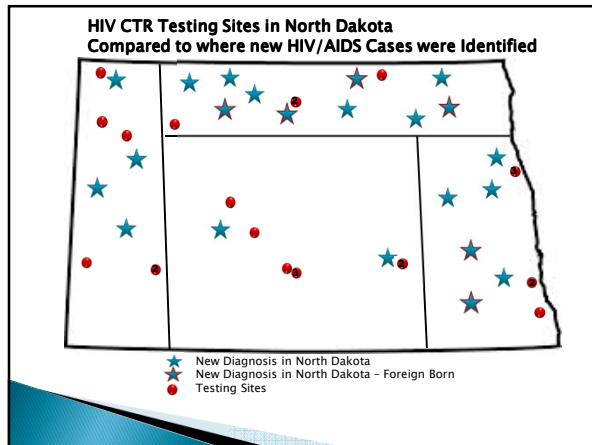


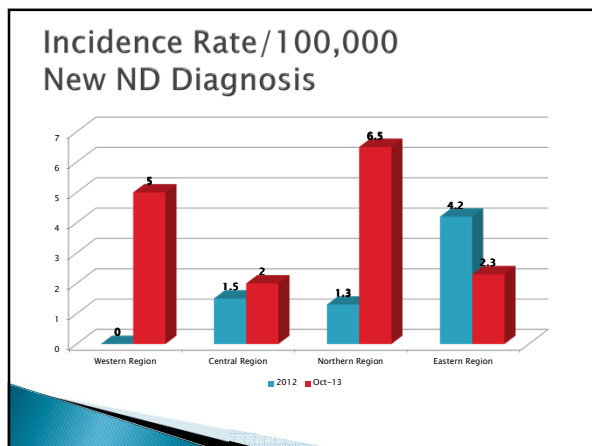


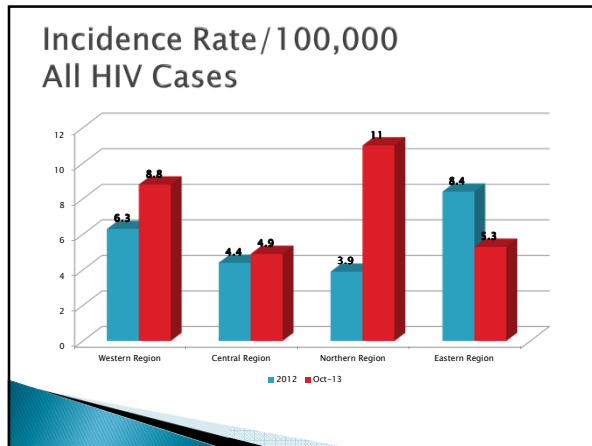












Challenges

- Where to go for testing
- Identifying and Testing Partners
- The CDC has estimates that 31 percent of people fail to go back to public testing sites to obtain their results; either because they forget, or because they lose the courage to return

More Challenges

- Still a need for HIV Education
- Continuum of Care
 - In the past 12 months in North Dakota, 75% of non-Ryan White clients did not receive care

Private Providers

- ❑ Contact North Dakota Department of Health, HIV is a reportable condition
- ❑ Refer into care
- ❑ Determine Risk Factors
- ❑ Get Partner Information



Thank you for attending 2013 HIV Surveillance and Testing Data in North Dakota

Please take post-test to receive CEU's for this presentation, you must score at least 70% to receive credit.

This presentation will be archived and available for review on www.ndhealth.gov/disease/Hepatitis/EducationTraining.htm

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